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January 4, 2008



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 4, 2008.

Sharon Gibbs
Printed or Typed Name of the Person Signing the Certificate
Sharon Gibbs
Signature
1-4-08
Date of Signature

Inventors:	KASSAB, Ghassan S., et al.
Serial No.:	10/782,149
Filing Date:	February 19, 2004
Title:	SYSTEM AND METHOD FOR MEASURING CROSS-SECTIONAL AREAS AND PRESSURE GRADIENTS IN LUMINAL ORGANS
Assignee:	Electro-Cat, LLC
Group Art Unit:	3736
Examiner:	SZMAL, Brian Scott
Conf. No.:	5030
Our File No.:	P01568-US-01 (25518.0010)

RESPONSE TO OFFICE ACTION

Dear Sir:

This is in response to the Office Action dated November 1, 2007, for the above-identified patent application ("Application"). Amendments to the Claims begin on page 2, amendments to the Specification begin on page 8, and Remarks begin on page 10.